

## EAST Search History

| Ref # | Hits | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|--|---|------------------|---------|------------------|
| L1    | 2    | "5675367".pn.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND              | OFF     | 2007/10/25 12:21 |
| L4    | 7755 | (347/84,85,86,29,30,87).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/10/25 12:44 |
| L5    | 60   | L4 and (air with (into or enter\$3 or introduc\$3) with (exit\$3 or evacuat\$3 or leav\$3 or out)) same ((ink or liquid) with (into or enter\$3 or introduc\$3) with (exit\$3 or evacuat\$3 or leav\$3 or out)) same (fill\$3 or refill\$3)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND              | OFF     | 2007/10/25 12:44 |
| S1    | 118  | ((("5734401") or ("5751319") or ("5757390") or ("5784087") or ("5854646") or ("6243115") or ("6283586") or ("6322205") or ("6322207") or ("6350024") or ("20010017641") or ("20010019347") or ("20010020970") or ("20020036680") or ("20020080216") or ("20020101487") or ("20020118260") or ("5146243") or ("5600358") or ("5956054") or ("6086193") or ("6231173") or ("6276788") or ("6286944") or ("6286945") or ("6494568") or ("6273562") or ("4053902") or ("4419678") or ("4551734") or ("4700202") or ("4967207") or ("5523780") or ("5541631") or ("6048055") or ("6102535") or ("6264314") or ("6286921") or ("6293662") or ("6443567") or ("6582068") or ("6585362") or ("6648460") or ("6666542") or ("5870126") or ("0562717") or ("0803364") or ("0803365") or ("1201441") or ("0803364") or ("0562717") or ("4187448") or ("0803364") or ("3016738") or ("0803365") or ("0597628"))).PN. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/05/31 13:44 |

## EAST Search History

|    |      |   |   |     |     |                  |
|----|------|---|---|-----|-----|------------------|
| S2 | 5    | ((("199407699") or ("9407699")).PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2007/05/31 09:43 |
| S3 | 48   | S1 and (fill\$3 or refill\$3)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2007/05/31 10:01 |
| S4 | 20   | S1 and (refill\$3)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2007/05/31 10:12 |
| S5 | 17   | S1 and (refill\$3) and ((air or gas) same (ink or liquid))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2007/05/31 10:14 |
| S6 | 10   | S1 and (refill\$3) same ((air or gas) same (ink or liquid))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2007/05/31 10:28 |
| S7 | 5302 | (347/84,85,86).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2007/05/31 13:08 |
| S8 | 49   | S7 and (refil\$4) same (air and (liquid or ink)) same (introduc\$3 or enter\$3 or into) same (exit\$3 or expel\$4 or out) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2007/05/31 10:22 |
| S9 | 1    | "20010019347" and (air with enter\$3)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2007/05/31 10:22 |

## EAST Search History

|     |     |   |   |     |     |                  |
|-----|-----|---|---|-----|-----|------------------|
| S10 | 1   | "20010019347" and (fluid near (expel\$4 or exit\$3))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2007/05/31 10:25 |
| S11 | 1   | "20010019347" and (fluid near (expel\$4 or exit\$3) with air )  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2007/05/31 10:25 |
| S12 | 6   | "5675367" and (air same ink same refill\$4)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2007/05/31 10:28 |
| S13 | 112 | S7 and (((ink or liquid) and gas) with ((enter\$3 or into or introduc\$3) and (exit\$3 or out or leav\$3 or expel\$4)))                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2007/05/31 10:51 |
| S14 | 4   | S7 and (((ink or liquid) and gas) with ((enter\$3 or into or introduc\$3) and (exit\$3 or out or leav\$3 or expel\$4))) same refill\$4              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2007/05/31 11:02 |
| S15 | 24  | S7 and (((ink or liquid) and gas) with ((enter\$3 or into or introduc\$3) and (exit\$3 or out or leav\$3 or expel\$4))) same (refill\$4 or fill\$3) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2007/05/31 12:19 |
| S16 | 9   | 10/060821 or 10/632728  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2007/05/31 12:19 |
| S17 | 9   | S16 and (fill\$3 or refill\$3)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2007/05/31 12:22 |

## EAST Search History

|     |      |  |   |     |     |                  |
|-----|------|--|---|-----|-----|------------------|
| S20 | 7384 | (347/84,85,86,29,30,87).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2007/05/31 13:09 |
| S21 | 1038 | S20 and (nozzle or eject\$3 or orifice) with (fill\$3 or refill\$3)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2007/05/31 13:11 |
| S22 | 557  | S20 and (nozzle or eject\$3 or orifice) near3 (fill\$3 or refill\$3)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2007/05/31 13:27 |
| S23 | 457  | S20 and (nozzle or eject\$3 or orifice) near3 (fill\$3 or refill\$3) and ((ink or liquid) same (air or gas)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2007/05/31 13:36 |
| S24 | 1    | 10/768412  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2007/05/31 13:37 |
| S25 | 2    | ("6322207").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2007/05/31 13:46 |
| S26 | 739  | "347"/\$3 and Hewlett near packard. as. and refill\$4  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2007/05/31 13:46 |
| S27 | 7384 | (347/84,85,86,29,30,87).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2007/06/01 10:36 |

## EAST Search History

|     |     |  |   |     |     |                  |
|-----|-----|--|---|-----|-----|------------------|
| S28 | 322 | S27 and (air with (into or enter\$3 or introduc\$3) with (exit\$3 or evacuat\$3 or leav\$3 or out)) and ((ink or liquid) with (into or enter\$3 or introduc\$3) with (exit\$3 or evacuat\$3 or leav\$3 or out))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2007/06/01 10:40 |
| S29 | 320 | S27 and (air with (into or enter\$3 or introduc\$3) with (exit\$3 or evacuat\$3 or leav\$3 or out)) same ((ink or liquid) with (into or enter\$3 or introduc\$3) with (exit\$3 or evacuat\$3 or leav\$3 or out))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2007/06/01 10:43 |
| S31 | 66  | S27 and (air with (into or enter\$3 or introduc\$3) with (exit\$3 or evacuat\$3 or leav\$3 or out)) same ((ink or liquid) with (into or enter\$3 or introduc\$3) with (exit\$3 or evacuat\$3 or leav\$3 or out)) same (fill\$3 or refill\$3 or replenish\$3) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2007/06/01 11:02 |
| S32 | 2   | "20030025773"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2007/06/01 12:35 |
| S33 | 12  | S27 and (air near3 (exit\$3 or evacuat\$3 or leav\$3 or out)) same ((ink or liquid) near3 (into or enter\$3 or introduc\$3)) same (fill\$3 or refill\$3 or replenish\$3)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2007/06/01 11:05 |
| S34 | 21  | "5847734"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2007/06/01 12:35 |
| S35 | 4   | "20030025773" or "5847734".pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2007/10/23 10:20 |
| S36 | 4   | ("20030025773" or "5847734").pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2007/10/24 13:39 |